

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An image description system comprising:

a feature extracting unit extracting color layout features from respective of frames of an image sequence; and

a representative feature calculating unit calculating a representative color layout feature representative of said image sequence from a group of said color layout features of all frames extracted by said feature extracting unit.

2. (Original) An image description system comprising:

a feature extracting unit extracting color layout features from respective of frames of an image sequence;

a representative feature calculating unit calculating a representative color layout feature representative of said image sequence from a group of said color layout features extracted by said feature extracting unit; and

a representative layout feature storage unit storing said representative color layout feature calculated by said representative feature calculating unit.

3. (Original) An image description system comprising:

a feature extracting unit extracting color layout features from respective of frames of an image sequence;

a representative feature calculating unit calculating a representative color layout feature representative of said image sequence from a group of said color layout features extracted by said feature extracting unit;

a representative layout feature storage unit storing said representative color layout feature calculated by said representative feature calculating unit; and

a layout feature group storage unit storing said group of color layout features calculated by said feature extracting unit.

4. (Original) The image description system according to claim 1, wherein said representative feature calculating unit calculates average values of respective elements of a color layout feature extracted by said feature extracting unit as a said representative color layout feature.

5. (Original) The image description system according to claim 1, wherein said representative feature calculating unit rearranges values of respective elements of a color layout feature extracted by said feature extracting unit in any of ascending order and descending order, and calculates a median as said representative color layout feature.

6. (canceled)

7. (canceled)

8. (canceled)

9. (Previously Presented) An image description software product embodied on a computer-readable medium, said software product having instructions executable on a computer for performing the steps comprising:

extracting color layout features from respective of frames of an image sequence; and

calculating a color layout feature representative of said image sequence from a group of said color layout features extracted by said feature extracting function.

10. (Original) An image description method comprising:

extracting color layout features from respective of frames of an image sequence; and
calculating a color layout feature representative of said image sequence from a group of said color layout features extracted in said extracting.

11. (Withdrawn) An image identification system comprising:

a representative layout feature storage unit storing a color layout feature representative of an image sequence as a representative color layout feature; and

an image sequence selecting unit selecting an image sequence which resembles a query image sequence by comparing said representative color layout feature of said query image sequence stored in said representative layout feature storage unit with said representative color layout feature of a registered image sequence stored in said representative layout feature storage unit.

12. (Original) An image identification system comprising:

a representative layout feature storage unit storing a color layout feature representative of an image sequence as a representative color layout feature; a feature extracting unit extracting color layout features from respective of frames of a query image sequence;

a representative feature calculating unit calculating a representative color layout feature representative of said query image sequence from a group of said color layout features extracted by said feature extracting unit; and

an image sequence selecting unit selecting a sequence which resembles said query image sequence by comparing said representative color layout feature calculated by said representative feature calculating unit with said representative color layout feature stored in said representative layout feature storage unit.

13. (Original) An image identification system comprising:

a representative layout feature storage unit storing a color layout feature representative of an image sequence as a representative color layout feature; a layout feature group storage unit storing color layout features associated with respective of frames of said image sequence;

a feature extracting unit extracting color layout features from respective of frames of a query image sequence; a representative feature calculating unit calculating a representative color layout feature representative of said query image sequence from a group of said color layout features extracted by said feature extracting unit;

an image sequence selecting unit selecting an image sequence which resembles said query image sequence by comparing said representative color layout feature calculated by said representative feature calculating unit with said representative color layout feature stored in said representative layout feature storage unit; and

an identification unit matching said group of color layout features extracted by said feature extracting unit against said color layout features stored in said layout feature group storage unit as to said image sequence selected by said image sequence selecting unit.

14. (Original) The image identification system according to claim 12, wherein said representative feature calculating unit calculates average values of respective elements of a color layout feature extracted by said feature extracting unit as said representative color layout feature.

15. (Original) The image identification system according to claim 12, wherein said representative feature calculating unit rearranges values of respective elements of a color layout feature extracted by said feature extracting unit in any of ascending order or descending order, and calculates a median as said representative color layout feature.

16. (canceled)

17. (canceled)

18. (canceled)

19. (Withdrawn) An image identification software product executable on a computer comprising:

computer readable code configured to cause said computer to store a color layout feature representative of an image sequence as a representative color layout feature in a storage unit of said computer; and

computer readable code configured to cause said computer to select an image sequence which resembles a query image sequence by comparing said representative color layout feature of said query image sequence stored in said storage unit with said representative color layout feature of a registered image sequence stored by in said storage unit.

20. (Withdrawn) An image identification method comprising:

storing a color layout feature representative of an image sequence as a representative color layout feature; and

selecting an image sequence which resembles a query image sequence by comparing said representative color layout feature of said query image sequence stored in said storing with said representative color layout feature of a registered image sequence stored in said storing.

21. (canceled)

22. (Original) The image identification system according to claim 13, wherein said representative feature calculating unit calculates average values of respective elements of a color layout feature extracted by said feature extracting unit as said representative color layout feature.

23. (Original) The image identification system according to claim 13, wherein said representative feature calculating unit rearranges values of respective elements of a color layout feature extracting unit in any of ascending order or descending order, and calculates a median as said representative color layout feature.